

Patent Claims

1. Device for the transport of metallic work pieces, especially during a heat treatment process, comprising a heat-insulated and vacuum-tight transport chamber for heat transports, a transport device for cold transports, and a common drive for the transport chamber and the transport device.
2. Device according to Claim 1, characterized by a mobile carriage.
3. Device according to one of the Claims 1 or 2, characterized by a carrying rack located relative to the carriage for the transport chamber on the one hand and the transport device on the other.
4. Device according to one of the Claims 1 to 3, characterized by another mobile carriage wherein a carriage supports the carrying rack for the transport chamber and the other carriage supports the carrying rack for the other transport device.
5. Device according to Claim 4, characterized in that the two carriages can be coupled with one another.
6. Device according to one of the previous claims, characterized in that the transport chamber and the transport device are each equipped with a separate loading system.
7. Device according to one of the previous claims, characterized in that the transport device is equipped with a loading table.
8. Device according to one of the previous claims, characterized in that the transport device is a transport chamber.

9. System for heat treatment especially of metallic work pieces, with a multitude of separate treatment chambers comprising a transport device according to one of the Claims 1 to 8.
10. System according to Claim 9 characterized in that the transport chamber and the transport device can be loaded and unloaded independently of one another.
11. Facility according to one of the Claims 9 or 10, characterized in that the transport device can be loaded and unloaded on both sides.